RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable

Application Serial Number: Source: Date Processed by STIC:

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
- APPLICANT, WITH A NOTICE TO COMPLY or, 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
- NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 c-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 c-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2Kcompliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

1600

RAW SEQUENCE LISTING

DATE: 12/03/2001

PATENT APPLICATION: US/09/463,494

TIME: 13:46:19

Input Set : A:\es.txt

Output Set: N:\CRF3\11212001\I463494.raw

	SEQUENCE LISTING 4 (1) GENERAL INFORMATION:		SEQUENCE LISTING OOES	Does Not Comply Corrected Diskette Needed	
			RAL INFORMATION: Corrected		
E>	6	(i)	APPLICANT:	Collector 5 is	
	13	(ii)	TITLE OF INVENTION: A Process for the Preperation and		
	14		Identification of Novel Hydrolases Hav	ing Improved	
	15		Properties		
	17	(iii)	NUMBER OF SEQUENCES: 21		
E>	0	(iv)	CORRESPONDENCE ADDRESS:		
	8		(B) STREET: Kaiser-Wilhelm-Platz 1		
	9		(C) CITY: Muelheim an der Ruhr	_	
	10		(E) COUNTRY: Germany		
C>	11		(F) ZIP: 45470)	
C>	19	(V)	COMPUTER READABLE FORM:)	
	20		(A) MEDIUM TYPE: Floppy disk		
	21		(B) COMPUTER: IBM PC compatible	1	
	22		(C) OPERATING SYSTEM: PC-DOS/MS-DOS	1	
	23		(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)	/	

C--> 0 (vi) CURRENT APPLICATION DATA: C--> 0

(A) APPLICATION NUMBER: US/09/463,494

C--> 0 (B) FILING DATE: 03-Dec-2001 C--> 0

(viii) ATTORNEY/AGENT INFORMATION: (A) NAME: Studiengesellschaft Kohle mbH

ERRORED SEQUENCES

see nut page

SECUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: 1 malux-all responses must be on same (A) -NAME+ Studiengesellschaft Kohle mbH live as Leading

(ii) TITLE OF INVENTION: A Process for the Preperation and Identification of Novel Hydrolases Having Improved Properties

(iii) NUMBER OF SEQUENCES: 21

- (U) (iv) COMPUTER READABLE FORM: (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

E add these (M CURRENT ANTLICATION DATA: (M) ANTLICATION NUMBER: (B) FILING DATE: mardatory headings

for a U.S. con

64 CORRESPONDENCE ADDRESS: "
W ADDRESSES
ON STATE
ON STAT add there

for a U.S.

FYI: EPO front is invalid for U.S. case

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/463,494

DATE: 12/03/2001 TIME: 13:46:20

Input Set : A:\es.txt Output Set: N:\CRF3\11212001\I463494.raw

L:11 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]

L:19 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]

L:6 M:200 E: Mandatory Header Field missing, [(i) APPLICANT:] of (1) Value not provided

L:0 M:200 E: Mandatory Header Field missing, [(A) ADDRESSEE:] of (1)(iv)

L: 0 M: 248 E: Inserted missing Mandatory Header Field, [(iv) CORRESPONDENCE ADDRESS:]

L:0 M:247 C: Inserted Optional Header Field, [(viii) ATTORNEY/AGENT INFORMATION:]

L:0 M:249 C: Inserted Mandatory Field, [(vi) CURRENT APPLICATION DATA:]

L:0 M:249 C: Inserted Mandatory Field, [(A) APPLICATION NUMBER:]

L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]

L:1533 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:21

L:1535 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:21